

The ACADEMY NEWSLETTER

October 1989



When The Rainbow Touches Down Opens October 14



Two Kossa On A Bull — Alfonso Roybal, San Ildefonso Pueblo

One of the most extensive collections of Native American paintings assembled during the first half of the 20th century is showcased in *When The Rainbow Touches Down*, opening October 14 in Lovell White Hall. The exhibit features some of the finest examples of Apache, Navajo, Rio Grande Pueblo and Hopi works from the William and Leslie Van Ness Denman Collection. The Denman Collection was started during the 1930's by Leslie Van Ness Denman of San Francisco.

At the core of *When The Rainbow Touches Down* are 95 water-color paintings, many with ceremonial themes. The paintings include depictions of kachina figures, sacred clowns, animal dancers, healing ceremonies and rites of passage. Exhibited with the

paintings are examples of the artifacts illustrated and a video-disk that will enable visitors to hear eight separate interviews with artists describing their individual creative processes.

The rich, interpretive elements of the exhibition are designed to give the viewer a sense of personal communication with the artists, their work and the cultures they reflect, promoting a better understanding and deeper respect for the art and the people who produced it.

When The Rainbow Touches Down was organized by the Heard Museum with the cooperation of the Indian Arts and Crafts Board and the U.S. Department of the Interior. An extensive catalog is available in the Academy Store for \$50.00

SPECIAL NOTE:

Members' Open House Rescheduled Until Tuesday, November 14 and Wednesday, November 15, 6-9 p.m.

Members' Open House has been postponed and will be held on Tuesday, November 14 and Wednesday, November 15 between 6 and 9 p.m. This year's Open House will include traditional behind-the-scenes tours of the Aquarium, visits to the Academy's nine research departments and opportunities for members to meet with Academy research scientists.

Brand new this year will be a presentation about the Academy's 3,100-acre Pepperwood Natural Preserve in Sonoma. Jerry Kay of the Academy's Science In Action radio program will also be on hand to discuss his school program, learning kits and his weekly KCBS broadcast. Planetarium staff will treat members to special mini-shows with their new state-of-the-art console installed this summer.

Free refreshments will be served in the Jungle Cafe. To accommodate our 22,000 members and to avoid overcrowding, we ask that members whose names begin with A-L attend on Tuesday, November 14; members whose names begin with M-Z attend on Wednesday, November 15. If you cannot make it on your designated evening, don't worry—just come on the alternate night.

We hope that this schedule change will not prevent your attending this special evening and apologize for any inconvenience this may cause for our members.

No Members' Meetings will be held during the month of October; however, regular Members' Meetings will resume in December.

Lecture

Alaska In Recovery: What If It Happened Here? October 25 7:30 p.m.



Suzanne Bottorff

Alaska Pipeline Terminus in Valdez

On Wednesday, October 25 at 7:30 p.m., the Academy and the Golden Gate National Recreational Area will present a panel discussion in the Morrison Auditorium on the Valdez oil spill, the cleanup and long-term effects upon wildlife in Alaska. Questions about what effects an oil spill could have on San Francisco Bay will be addressed and experts will compare the effects that different types of oil have upon rocky reefs and their inhabitants. Panel members include Brian Baird of the California Coastal Commission, Gordon Chan, Ph.D., Michael Foster, Ph.D.

and Jack Mortenson of Clean Bay, who is in charge of oil spill cleanups in San Francisco Bay. Prior to the panel discussion, there will be a cocktail reception in the Aquarium Roundabout at 6:00 p.m.

Tickets for this presentation are \$3 for members and \$5 for non-members. Reception and lecture tickets are \$13 for members and \$15 for non-members.

To order tickets, please use the convenient order form below. For more information, call (415)750-7217.

Ticket Order Form — Alaska In Recovery: What If It Happened Here?

Please send this form, your check and a self-addressed, stamped envelope to:

The Special Programs Office
California Academy of Sciences
Golden Gate Park
San Francisco, CA 94118

No refunds/No exchanges

Name _____

Address _____

City _____ Zip _____

Daytime phone _____

Enclosed is a check payable to the California Academy of Sciences for:

_____ member tickets at \$3

_____ guest tickets at \$5

_____ member tickets for the
lecture and reception \$13

_____ non-member tickets for
the lecture and reception \$15

Lecture

By The Heat Of The Night: Infrared Astronomy From Space

October 31 7:30 p.m.

The Morrison Planetarium is proud to present "Exploring the Universe," a series of talks for the public by well-known scientists. On Tuesday, October 31, at 7:30 and 9:00 p.m., Dr. Michael Werner of the NASA/Ames Research Center and Project Scientist for SIRTf (Space Infrared Telescope Facility) will present a lecture on infrared astronomy from space.

Additional speakers in the Fall series (also at 7:30 and 9:00) are:

Dr. Michael Lampton, "The Spacelab Missions: The Promise of the Space Shuttle," November 14.

Dr. Frank Drake, "Search for Intelligent Life in Space," December 5.

Free tickets for the 7:30 presentations are no longer available, however seats will be available on a standby basis. The Planetarium requests that if you already hold tickets but cannot attend, please call (415)750-7127 to cancel your reservations so that others may attend.

Free tickets to the 9:00 talks may be obtained by sending a self-addressed, stamped envelope to "The Universe," Morrison Planetarium, California Academy of Sciences, Golden Gate Park, San Francisco, CA 94118. Please indicate the program you wish to attend and the number of tickets needed.

This free series is made possible through the generosity of the Benjamin D. Dean Endowment Fund. For more information on ticket availability, call the Universe Line at (415)750-7129.

Traditional Arts—October



San Francisco Chinese Children's Chorus

The Traditional Arts programs at the Academy of Sciences offer visitors an opportunity to travel to exotic places without leaving San Francisco. Every Saturday, learn about food, music and folk art from all over the world in the Academy's Wattis Hall. These special programs are made possible through a generous gift from the Paul L. and Phyllis Wattis Foundation. All programs begin at 1:00 p.m. For more information, call (415)750-7142.

October 7—With a swirl of their kilts and tartan sashes, the Duns-muir Scottish Dancers weave intricate patterns of movement as they perform a selection of country dances, Highland dancing, and "twasomes" or couples dances. Dancers will be accompanied by live music on violin and piano with a special solo by Karen Fitch

of Gaelic *puirt-a-beul* (mouth music).

October 14—The San Francisco Chinese Children's Chorus, under the direction of Dr. Richard Lin, presents a medley of Chinese folk songs accompanied by musicians playing traditional instruments.

October 21—Sally Gati will show her film, "Indian Actors' Workshop" followed by a discussion with Michael Smith of the Lakota Tribe and Director of the American Indian Film Festival. This year's festival takes place November 11-12 at the Palace of Fine Arts.

October 28—Sarah Douglas demonstrates the skills of English Smocking—embroidery techniques originally used to embellish the protective clothing of farm workers.

Where There's A Will...

From its creation, the California Academy of Sciences has greatly benefited from generous bequests. Academy members perform a wonderful service when they include the Academy in their will. If you have made such a bequest, or intend to do so, please let us know so we may plan for the future and proceed with our vital work.

You may wish to participate in the activities of the Eastwood Associates, an honorary organization whose members have made a provision in their wills for the future of the Academy. We would also like to be able to express our gratitude to you now. A brief note to the Development Office or a telephone call to (415)750-7216 is all that is necessary.

On Your Mark, Get Set, Help!



You encounter the strangest creatures when you volunteer for the Run To The Far Side

Join us again as we lace up our shoes for the Run to the Far Side. Volunteers are needed to help on race day—Sunday, November 26. Whether you are a veteran run volunteer or a novice, we have a job for you. Lend a hand, earn a T-shirt and spend a day of guaranteed fun. To sign up as a volunteer, call The Run Office at (415)668-2243.

Young Audiences

*Sunday, October 29
1:00 p.m.*



Jeremy & Julietta

With major funding from McKesson Foundation and Grants for the Arts, Young Audiences returns this fall to present an exciting series of performing arts programs for children, taking place one Sunday each month in Wattis Hall of Human Cultures.

On Sunday, October 29, at 1:00 p.m., join the fun when clowns Julietta and Jeremy of Make*A*Circus explore the physical roots of comic theatre through clowning, juggling, acrobatics, magic and audience participation.



To Benefit Academy

This fifth annual black-tie event offers a very special evening of dining, dancing and entertainment throughout the Academy on Thursday, October 19. Guests will enjoy the Nuclear Whales, the Richard Olsen Orchestra, the Mark Kaye Trio, the Harmonics Steel Drum Band, and other surprises. Proceeds from Flights of Fancy will be used to support the ongoing educational programs at the Academy. Tickets start at \$175 per person. For further information, please call Chadwick & Zimmerman at (415)495-3100.

Volunteer Opportunities

This Fall, the Academy has a wide variety of volunteer opportunities for anyone who has some spare time and would like to help. If you are interested in volunteering for any of the projects listed below, please contact the Volunteer Services Office, (415)750-7154.

- Volunteers are needed to assist Library staff between 10 a.m. and 4 p.m. on Saturdays as part of a new program that enables members, visitors and educators to use the Library on weekends during the school year.
- If you have arts and crafts skills—particularly in painting—and a morning and/or afternoon available Tuesday through Saturday, this is a once-in-a-lifetime opportunity to help us build our new permanent exhibit hall, Life Through Time. Help us prepare and paint plants for our exhibit on evolution scheduled to open in the spring of 1990.

Academy Expeditions for 1990

The Academy's travel programs offer the world to you! Enjoy fun-filled days on an Academy expedition in beautiful locations while experts guide you through the inspiring world of natural history.

Antarctica

January 13–26

Lecturer: Dr. Kathy Ann Miller

Penguins, humpback and killer whales, leopard and Weddel seals are the stars of this popular, spectacular journey to the Antarctic Peninsula.

Price: \$5,095–\$7,495

Tanzania Safari

February 1–16

Lecturer: Beth Dunbar

A tent and lodge safari planned to coincide with the great migration in the beautiful Serengeti. Destinations include Lake Manyara, Ngorongoro Crater, the vast Serengeti and some time in Nairobi.

Price: \$4,091

Belize

February 18–March 2

Leader: Sharon Matola, Founder & Director, Belize Zoo

Coral reefs, a wealth of wildlife, and ancient Mayan ruins including Tikal.

Price: \$2,132

Baja California

March 4–12

Lecturer: Dr. Jim Kelley

On this cruise aboard the M.V. Sea Lion, we will travel along the Pacific coast of Baja California to visit elephant seal colonies, whale lagoons and then sail down to the Sea of Cortez to explore uninhabited desert islands.

Price: \$1,790–\$2,525

Springtime Gardens of England

May 9–26

Leader: Dr. Dennis Breedlove

A generous sampling of gardens and arboretums mixed with visits to some of the great houses graced with elegant gardens.

Indonesia: Secret Islands

East of Bali

June 3–20

Lecturers: Dr. John McCosker and Dr. Stephen Jay Gould

A cruise aboard the Society

Explorer offers a search for rare bird species, the Komodo dragon, snorkeling in warm waters and a vast panoply of cultures.

Price: \$5,595–\$8,505

In the Wake of the Vikings:

Bergen to Reykjavik

July 26–August 10

Leader: Dr. Jim Kelley

Visit the fjords of Norway, see the rugged and isolated Shetland and Faroe Islands, and explore Iceland, "the Land of Ice and Fire," while cruising in comfort aboard the M.S. Polaris.

Price: \$3,450–\$4,880 plus air fare

Alaska and the Queen Charlotte Islands

September 9–23

Lecturer: Dr. David Kavanaugh

An in-depth exploration of the coastal wilderness of British Columbia and Southeast Alaska, including the magnificent and seldom-visited Queen Charlotte Islands. Cruise in comfort aboard the M.V. Sea Lion.

Price: \$3,700–\$5,380

Fall in Vermont — September

The wilds of Vermont, special museums, conservation sites and farms, all graced by the colors of autumn.

Price: Approximately \$2,400

Pakistan and India

September 25–October 17

Lecturer: Nancy Pickford

The most fascinating and least explored areas of Northern Pakistan in the High Karakoram with the fabled vale of Kashmir and Ladakh in the mighty Himalayas.

Price: \$5,915

Brazil and Argentina

November

Sights of Rio and Iguassu National Park, then southward to explore Argentina's glacial Andean district, the penguins of Punta Tomba, followed by the vast array of marine and bird life of Peninsula Valdes Reserve.

Price: \$4,494

For more information on Academy Expeditions, call the Academy's Travel Office at (415)750-7222.

Are There Skeletons In The Closet?



Kathy
Sanchez

Don Rundstrom

In the new thriller *Talking God*, Navajo Tribal Police are drawn into a case involving the return of Indian skeletons to their tribes of origin for reburial. Author Tony Hillerman demonstrates concern for a timely issue. Aggrieved Native Americans protest the looting of Indian graves by treasure-seeking pothunters, and seek return of skeletons and ceremonial objects from universities and museums. Archaeologists also deplore pothunting but ancient graves contain information about the natural environment of the past, about health, diets and evolution. Pending federal legislation requires reburial of these materials, forever precluding access to this data.

Museum collections may also include antiquities illegally exported from their countries of origin. The market in antiquities is so inflated that risk of punishment for breaking the law is not an adequate deterrent. The July 16, 1989 *New York Times Magazine* reported an astounding \$2.09 million paid for a 5,000-year-old Cycladic marble carved head.

The twin issues of reburial and repatriation concern all museum professionals with Anthropology collections. The Academy's Anthropology Department is no exception and would like to share our policies with members. The

Department's holdings are primarily ethnographic rather than archaeological and have never included comparative skeletal collections. The Department will not accept archaeological specimens lacking full scientific documentation, nor antiquities illegally exported from their country of origin, nor will it acquire materials used for religious or ceremonial purposes.

The Anthropology Department tries to make our collections accessible to Native Americans and have had two Native American student interns work with us. Most recently, Kathy Sanchez, granddaughter of Maria Martinez, the famous potter from San Ildefonso Pueblo, researched her grandmother's work in our collection. Ms. Sanchez is a potter and some of her work is sold in the Academy Store.

The Department has provided slides of Hopi objects to the Hopi Cultural Center in Arizona and to Hartman Lomawaima, a Hopi scholar. Members of the Hupa tribe and visitors from the Warm Springs Reservation of Oregon have toured our collection. Linda Cordell, Curator and Chair of the Anthropology Department, is pleased to receive the interest of these groups and would like to bring other Native Americans to the Academy on a regular basis.

Fall Adult Education Classes

This fall, the Academy presents a wide variety of courses in natural history. Here are some of the class offerings:

Bay Area At Your Feet With Margot Patterson Doss

October 4, 7-9 p.m.

Members: \$10 Non-Members: \$15

Evolution of Flowering Plants

October 4-November 22

8 Wednesdays, 7-9 p.m.

Field Trips: October 7, 21, 28

Members: \$95 Non-Members: \$105

Nudibranchs: The Biology and Evolution of Sea Slugs

October 5-November 9

5 Thursdays, 7-9 p.m.

Field Trip: November 12

Members: \$65 Non-Members: \$75

Chain of Lakes Birdwalk

October 7, 9 a.m.-Noon

Members: \$15 Non-Members: \$20

San Francisco Landscapes and Watercolor

October 9-23

3 Mondays, 7-9:30 p.m.

October 14, 28; November 4, 11, 18

5 Saturdays, 9:30 a.m.-1:00 p.m.

Members: \$100 Non-Members: \$115

Pepperwood's Secret Places

October 15, November 12,

December 3, 9 a.m.-4 p.m.

Members: \$50 Non-Members: \$60

Autumn Botany at Yosemite

October 13-15

Members: \$125 Non-Members: \$140

Earthquakes—Faulty Facts and Shaky Myths

October 18 & 25, 7-9 p.m.

Field Trip: October 28, 9 a.m.-2 p.m.

Members: \$35 Non-Members: \$45

For more information, call the Adult Education Office, (415)750-7100.

*Time Dated Material
Please Expedite*

October 1989

Open daily 10 am to 5 pm

*Golden Gate Park
San Francisco, California 94118-9961
(415) 221-5100*



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October at the Academy

- 7 Traditional Arts—Scottish Dancers, 1:00 p.m.
- 14 When The Rainbow Touches Down opens
- 14 Traditional Arts—Chinese Folk Songs, 1:00 p.m.
- 21 Traditional Arts—Film: Indian Actors' Workshop, 1:00 p.m.
- 25 Lecture: Alaska In Recovery, 7:30 p.m.
- 28 Traditional Arts—English Smocking, 1:00 p.m.
- 29 Young Audiences—Clowns, 1:00 p.m.
- 31 Lecture: By The Heat Of The Night, 7:30 p.m.

Coming Up In November

- 11 Stone Spirits opens
- 14 Members' Open House, A-L
- 15 Members' Open House, M-Z
- 26 Run To the Far Side V, 8:30 a.m. start

New From The Academy Store



Henry Evans

The Academy Store is privileged to exhibit the early works of Bay Area artist, Henry Evans. Mr. Evans, a self-taught artist, printer, and botanist, drew his initial inspiration from the Academy's Department of Botany. In his long and distinguished career, he has printed 1,400 subjects and has exhibited his work in more than 250 international one-man shows. Mr. Evans' linoleum botanical prints (circa 1958) are life-size. Each hand-pressed work illustrates the fragile grace of its subject in a simple, elegant design. Prints from the signed, limited collection are available for sale in the Academy Store's Ethnographic Gallery.